UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27160

7590

06/15/2005

KATTEN MUCHIN ROSENMAN LLP 525 WEST MONROE STREET CHICAGO, IL 60661-3693 EXAMINER
DEAK, LESLIE R

PAPER NUMBER

ART UNIT

DATE MAILED: 06/15/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. CONFIRMATION	
09/586,981	06/05/2000	Jeffrey M. MacDonald	320727.50201	8826

TITLE OF INVENTION: BIOREACTOR DESIGN AND PROCESS FOR ENGINEERING TISSUE FROM CELLS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	09/15/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless corrected be maintenance fee notification		in Block 1, by (a) specifying	a new correspondence addres	s; and/or (b) indicating a sep	arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of	of mailing can only be used f his certificate cannot be used	or domestic mailings of the
21000 75	00 000000			papers. Each addition	nal paper, such as an assignm ate of mailing or transmission.	ent or formal drawing, must
21890 75						
PROSKAUER RO PATENT DEPART				I hereby certify that	ertificate of Mailing or Tran. this Fee(s) Transmittal is bein	smission og deposited with the United
1585 BROADWAY		•		States Postal Service	this Fee(s) Transmittal is bein with sufficient postage for fit ail Stop ISSUE FEE address PTO (703) 746–4000, on the	rst class mail in an envelope
NEW YORK, NY				transmitted to the US	PTO (703) 746-4000, on the	date indicated below.
						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,236	06/27/2001		Jeffrey H	. Burbank	265/022	5534
TITLE OF INVENTION: HI	EMOFILTRATION SYSTE	М				
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	•	\$300	\$1700	09/15/2005
EXAM	INER	ART UN	IT	CLASS-SUBCLASS		
BIANCO, F	PATRICIA	3762		604-005010		•
1. Change of correspondence CFR 1.363).	address or indication of "Fe	ee Address" (37	2. For prin	nting on the patent front page,	list	
_ ′	ence address (or Change of 2) attached.	Correspondence		mes of up to 3 registered pate OR, alternatively,	ent attorneys I	97 F. S. Va.
			(2) the na	me of a single firm (having as	a member a 2	
"Fee Address" indicate PTO/SB/47; Rev 03-02 o Number is required.	ion (or "Fee Address" Indica r more recent) attached. Use	ation form e of a Customer	registered 2 registered listed, no	attorney or agent) and the na- ed patent attorneys or agents. I name will be printed.	mes of up to f no name is 3	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATEN	Γ (print or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will app Γa substitute	pear on the patent. If an assignor filing an assignment.	gnee is identified below, the	document has been filed for
(A) NAME OF ASSIGNE	EE	(B) RESIDENC	CE: (CITY and STATE OR CO	DUNTRY)	
Please check the appropriate		<u> </u>			Corporation or other private gr	oup entity Government
4a. The following fee(s) are of Issue Fee	enciosea:	40	. Payment of	ree(s): in the amount of the fee(s) is e	malagad	•
	nall entity discount permitte	»d)		` '		
Advance Order - # of		,	Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayments.			credit any overnayment to
			Deposit Acc	ount Number	(enclose an extra d	copy of this form).
_ ` .	from status indicated above MALL ENTITY status. See	,	n			
				cant is no longer claiming SM		,
NOTE: The Issue Fee and Punterest as shown by the reco	iblication Fee (if required) v	vill not be accepted ent and Trademark	I from anyone Office.	ny) or to re-apply any previouse other than the applicant; a re	gistered attorney or agent; or t	he assignee or other party in
Authorized Signature				Date		
Typed or printed name				Registratio	n No.	 .
Alexandria, Virginia 22313-1	1450.	SEND FEES OR C	OMPLETEL	to obtain or retain a benefit by llection is estimated to take 12 pon the individual case. Any on ation Officer, U.S. Patent and D FORMS TO THIS ADDRES lection of information unless i	SS. SEND 10: Commissioner	for Patents, P.O. Box 1450,



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/586,981	06/05/2000	Jeffrey M. MacDonald	320727.50201	8826		
27160	7590 06/15/2005		EXAM	INER		
KATTEN MUCHIN ROSENMAN LLP			DEAK, L	DEAK, LESLIE R		
525 WEST MON			ART UNIT	DARED MURADED		
CHICAGO, IL 6	0661-3693			PAPER NUMBER		
			3762			
				DATE MAIL ED: 06/15/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 221 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 221 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.